AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

SEQUENCE LISTING

```
<110> Ichiro HIRAO et al.
<120> NUCLEOSIDES OR NUCLEOTIDES HAVING NOVEL UNNATURAL BASES AND USE THEREOF
<130> 0230-0222PUS1
<140> US 10/521,454
<141>
      2005-01-14
<150> JP 2002-208568
<151>
      2002-07-17
<160> 14
<170> Patentin 3.3
<210>
      1
<211>
      100
<212> RNA
<213> Artificial sequence
<220>
<223> RNA aptamer
<400>
gggaguggag gaauucaucg aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa 60
auugguuuua gcauaugccu uagcgacagc aagcuucugc
<210>
      2
<211> 39
<212> DNA
<213> Artificial sequence
<220>
<223>
      Designed primer for PCR
<400> 2
ggtaatacga ctcactatag ggagtggagg aattcatcg
                                                39
<210>
      3
<211>
      29
<212>
      DNA
<213> Artificial sequence
<220>
<223>
     Designed primer for PCR
<400> 3
                                                29
gcagaagctt gctgtcgcta aggcatatg
<210> 4
<211> 29
```

```
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222> (17)..(17)
<223> n is an unnatural base equivalent to a 2-amino-6-(2-thienyl)-purine-9-yl
      group
<400> 4
                                                29
gcagaagctt gctgtcncta aggcatatg
<210> 5
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222> (14)..(14)
<223> n is an unnatural base equivalent to a 2-amino-6-(2-thienyl)-purine-9-yl
      group
<400> 5
                                                29
gcagaagctt gctntcgcta aggcatatg
<210> 6
<211> 29
<212> DNA
<213> Artificial sequence
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222> (9)..(9)
<223> n is an unnatural base equivalent to a 2-amino-6-(2-thienyl)-purine-9-yl
      group
<400>
                                                29
gcagaagent gctgtcgcta aggcatatg
<210> 7
<211> 29
<212> DNA
<213> Artificial sequence
```

```
<220>
<223> Designed primer for PCR
<220>
<221> misc feature
<222>
      (9)..(9)
<223> n is a, g, c, t, unknown or other
<220>
<221> misc_feature
<222> (17)..(17)
<223> n is an unnatural base equivalent to a 2-amino-6-(2-thienyl)-purine-9-yl
      group
<400> 7
                                                29
gcagaagent gctgteneta aggeatatg
<210>
      8
<211>
      35
<212> DNA
<213> Artificial sequence
<220>
<223> Synthesized template strand for transcription
<220>
<221> misc_feature
<222>
      (29)..(29)
<223> n is an unnatural base equivalent to a 2-amino-6-(2-thienyl)-purine-9-yl
      group
<400> 8
tattatgctg agtgatatcc ctccttctnt ctcgt
                                                35
<210> 9
<211>
      35
<212> DNA
<213> Artificial sequence
<220>
<223> Synthesized template strand for transcription
tattatgctg agtgatatcc ctccttctat ctcgt
                                                35
<210> 10
<211> 28
<212>
      DNA
<213> Artificial sequence
<220>
<223> Designed primer for transcription
```

```
<400> 10
ataatcgact ctactatagg gaggaaga
                                                 28
<210>
       11
<211>
       200
<212>
       RNA
<213> Artificial sequence
<220>
<223>
      RNA aptamer 9A
<400> 11
gggaguggag gaauucaucg aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa
                                                                      60
auugguuuua gcauaugccu uagcgacagc aagcuucugc gggaguggag gaauucaucg
                                                                     120
                                                                     180
aggcauaugu cgacuccguc uuccuucaaa ccaguuauaa auugguuuua gcauaugccu
                                                                     200
uagcgacage aagcuucuge
<210> 12
<211>
      101
<212> RNA
<213> Artificial sequence
<220>
<223>
       RNA aptamer 2x9A
<400>
       12
gggaguggag gaauucaucg aggcaucugg gaacccuauc uugcuuuugg uagcuguauu
                                                                      60
                                                                     101
caccuguaac agcauaugcc uuagcgacag caagcuucug c
<210> 13
<211> 15
<212> RNA
<213> Artificial sequence
<220>
<223> Synthetic RNA 15-mer
<220>
<221> misc feature
<222>
      (11)...(11)
<223> n is a, g, c, u, unknown or other
<400> 13
gggaggaaga nagag
                        15
<210>
      14
<211> 17
<212> RNA
<213> Artificial sequence
```

```
<220>
<223> Synthetic RNA 17-mer

<220>
<221> misc_feature
<222> (11)..(11)
<223> n is a, g, c, u, unknown or other

<400> 14
gggaggaaga nagagca 17
```